



Senior Staff Engineer Analog Design (f/m/d)*

Job description

You know, that there are infinite possibilities between 0 and 1? You are convinced, that a major portion of high-end features comes from Analog? You are excited by achieving highest precision and accuracy in rough environments? Then join us and see what challenges are waiting for you at Infineon's Automotive (ATV) department! Our Automotive business unit in Graz is currently looking for a highly motivated Analog Design Hero who is not afraid of any challenge, no matter how adventurous. Chip in now and drive our ATV division to the next level!

As an **Analog Designer**, you work on the front end of **product creation**, taking responsibility for **requirement** and **concept definition**, **analog circuit design** and **fluid collaboration** with our layout and frontend experts to ensure **manufacture-ability**. **Analog Design Engineers** at ATV rise to the challenge of achieving the **highest precision** and **accuracy** in a rough environment. Managing **ESD**, **EMC** and parasitic side effects of technology are among their daily tasks.

Next to **interdisciplinary work** involving other departments, such as Verification and Concept Engineering, your new job will include:

- **Definition of module requirements** together with the Application Engineers
- **Support of concept development on integrated circuit module level**
- **Development of behavioral models in VerilogA / AMS**
- **Design of analog and mixed-signal integrated building blocks** for Automotive Power applications
- **Pre-silicon verification and sign-off of designed modules** on several hierarchical levels
- **Support and close cooperation with analog layout**
- **Planning and tracking** of status of work packages

Profile

As an **Analog Design Engineer**, you put your **creativity** into practice to come up with **innovative solutions**. You are a true **team player** with a **pioneering spirit**, who has a passion for **technology** and a **high level of abstraction**. You can dive deeply into details of your specific topic – but you also keep an eye on how that contributes to the bigger picture. You have **strong collaboration** and **interpersonal skills**, which are essential for close work with colleagues from other divisions in an international setting.

With the following knowledge, experience and skills you are best equipped for this task:

At a glance

Location: **Graz (Austria)**
Job ID: **348809**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **348809**
www.infineon.com/jobs

Contact

Lisa-Marie Linder-Goritschnig
Talent Attraction Manager



- A **master's degree** in **Electronic Engineering** or equivalent
- A proven track of **3-5 years** of experience in **analog design of integrated circuits**
- Experience in **high-voltage integrated circuit design** is a strong plus
- Knowledge of **BCD power technologies** and specific expertise of **parasitic devices** is advantageous
- Understanding of **analog layout**
- Experience with **ESD protection techniques**
- Awareness of **EMC-related circuit design**
- Basic know-how of **functional safety** (ISO26262)
- Strong **interpersonal, technical leadership-** and **self-organizational skills** are a must
- **Fluency in English.** German skills are a plus

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group H-I (<https://www.feei.at/leistungen/informations-service/mindestlohne-und-gehalter-2021>). A higher payment is negotiable depending on your expertise and skills.

Benefits

- **Graz:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site social counselling and works doctor; Health promotion programs; Discounted lunch possibilities; Private insurance offers; Corporate pension benefits; Flexible transition into retirement; Performance bonus; Accessibility, access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

– Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon ATV is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

For more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs

[Click here](#)

The **Development Center** of Infineon in **Graz** is working on leading edge contactless, security and sensor technologies. Whether we are talking about the Near Field Communication (NFC) transmission standard, vehicle components for Radar, optical distance measurements or 3D image sensor chips for Augmented Reality and Virtual Reality – our Development Center is a driving force in innovations in security, mobility,



and the Internet of Things.

**The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse .*

